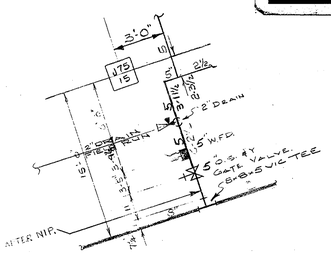
SP-96

ALL SPRINKLER ENGINE THE TWO LINES NEAR TOWER TO BE TURNED IN



VALVE DETAIL

NOTE:
1 SLAB THICKNESS 6" UNLESS OTHERWISE NOTED.
2 BEAMS AT -6 BELOW DESIGNATED FL.

APPROVED DRAWING
PER UBH DATE 6/20/70

APPROVED DRAWING
PER F.I.R.O DATE 7/13/70

O.K. FOR INSTALLATION
EXCEPTIONS:
PER AEU DATE 8/24/70

8	6-11-75	AJD	AS INSTALLED
7	5/12/75	AJD	FEED MAIN RELOCATED TO CLEAR SOUTH MAGAZINE BLDG. 2004.05

RECORD OF TRADE COORDINATION

TRADE	COMPANY	BY	DATE
HVAC	SAND-COURTER		
SHEET METAL	ALPINE-BROOK-TRIANGLE		
PLUMBING	JARCHO BROS., INC.		
ELECTRICAL	NAGER ELECTRIC CO., INC.		

RECORD OF FINAL PLAN APPROVAL

AUTHORITY	NAME	BY	DATE
P.O.N.Y.A.			
J. B. & B.			
N.Y.F.I.R.O.			
EMPLOYEE'S GROUP OF INSURANCE CO'S			

DATE	REV. NO.	NO. OF COPIES	DISTRIBUTED TO

DISTRIBUTION RECORD

REFERENCE DRAWINGS

INFORMATION	BY	DWG. NO.	DATE	LATEST REV. NO.	LATEST REV. DATE
ARCH.		A1-30	3-22-68	3	4-25-70
		AK-31	3-22-68	10	4-14-70
STRUCT.		S1-96	5-15-67	11	5-26-68
CONC		SC1-96	5-1-68	2	5-3-69
MECH.		M	11-19-68	1	8-15-69
		M8	11-7-68	4	10-14-69
JARCHO		1-G-G	4-10-69	8	12-17-69
SAND COURTER		M-NE-1-11	12-5-69	1	10-27-69
CONC.		SCK-98	9-11-68	11	5-15-70

LEGEND OF SYMBOLS

ABBREVIATIONS

⊗	MAIN DESIGNATION
B	BRANCH DESIGNATION
WMG	WATER MOTOR GONG
ABD	AUTO BALL DRIP.
FC	FLUSHING CONN.
FDC	FIRE DEPT. CONN.
ITC	INSP. TEST CONN.
CC	CENTER TO CENTER
TxG	THRED BY GROOVE
PE	PLAIN END
RN	RISE NIPPLE
DN	DROP NIPPLE
OWSJ	OPEN WEB STEEL JOINT
WJ	WOOD JOIST
WF,BM	BEAM DESIGNATION S
CB	CONCRETE BEAM
COL	COLUMN
DO	DITTO
H.C.	HUNG CEILING
SG	SPRINKLER GUARD
AFF	ABOVE FINISHED FLOOR

INFORMATION ALONG PIPE LINES

HANGER: Type, Rod Length, Size, Location, Cut Length

PIPE: 9-10 (19-1) Abv. Fin. Flr. (Below Slab or Top of Beam); Pitch (In Lin Up)

ELEVATION

ALARM CHECK VALVE (A.V.)	O.S. & Y. GATE VALVE
DRY VALVE (D.V.)	CHECK VALVE
D.V. WITH EXHAUSTER	POST INDICATOR VALVE (P.I.V.)
WATER FLOW DETECTOR (W.F.D.)	WALL P.I.V.

STANDARD HANGERS

C-CLAMP; OFFSET C-CLAMP; 2 NUTS, WASHER; EXPANSION SHIELD; INSERT NUT; TOGGLE; LAG ROD; BEAM CLAMP; J-ROD; HORIZ. LAG BOLT; HORIZ. EXP. SHIELD; TRAPEZE BAR; YOKE STAND; C' CLAMP & RING

SPRINKLER HEAD TABULATION

MF R'S. MODEL NO.	SIZE	TYPE	FINISH	SYMBOL	TEMPERATURE RATING 160°	212°	280°	
GLOBE	½	UPRIGHT	BRASS					232
"	½	PENDANT	BRASS					11
		PENDANT	CHROME					
		FLUSH PENDANT	CHROME					

TOTAL SPRINKLERS ON THIS SHEET 243

TOTAL SPRINKLERS ON ENTIRE JOB

REVISIONS

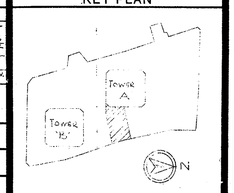
NO	DATE	BY	DESCRIPTION
1	5-8-70	AJD	SECTIONAL CONTROL VALVE RELOCATED
2	5-8-70	AJD	DRAIN PIPING ADDED & VALVE ADDED FOR FLUSHING
3	5-8-70	AJD	STAIR K-2 RELOCATED MAIN & INFT. ADD. FIRE HYDRANTS.
4	6-3-70	DBS	FEED MAIN RELOCATED, LINE & REV. FEED MAIN & ENTRY LOOP BUILT
7	6-2-71	LM	MATERIAL CHANGED LINE NO. & MAIN LETTERS SHOWN
6	12-14-71	LM	LOST HAND REVISION.

ARCHITECT: MINORU YAMASAKI & ASSOCIATES EMORY ROTH & SONS

MECHANICAL ENGINEER: JAROS, BAUM & BOLLES

CUSTOMER: PORT OF NEW YORK AUTHORITY

KEY PLAN



COURTER-SAND-MARGOLIN
A JOINT VENTURE
30 CHURCH ST., NEW YORK, N. Y.

JOB

THE WORLD TRADE CENTER
THE PORT OF NEW YORK AUTHORITY

TITLE

SPRINKLER SYSTEM PART PLAN
SUBBASEMENT LEVEL ELEV 294'-0"

DRAWN BY	CHECKED BY	APPROVED BY	DWG. NO.
J.B.			SP-96
DATE	JOB NO.	SCALE	OF 150
AUG 6 1969	W.T.C. 510.0	1/8"=1'-0"	

H-266-4